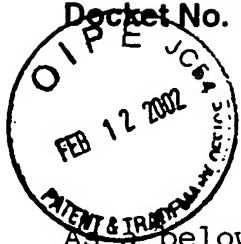


#3

COPY OF PAPERS
ORIGINALLY FILED
ORIGINAL FILED

Docket No. 22-0145



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled MULTI-PASS PHASE TRACKING LOOP WITH REWIND OF FUTURE WAVEFORM IN DIGITAL COMMUNICATION SYSTEMS the specification of which

_____ is attached hereto

X was filed on 12/4/2001 as Application Serial No. 10,004,773 and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

NONE
(Number)

(Country)

(Day/Mo./Yr. Filed)

Yes

No

Docket No. 22-0145

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>NONE</u> (Number)	<u> </u> (Country)	<u> </u> (Day/Mo./Yr. Filed)	<u> </u> (Status)
-------------------------	--	--	---

I hereby appoint as principal attorneys:

Robert W. Keller, Reg. No. 25,347
Noel F. Heal, Reg. No. 26,074
Connie M. Thousand, Reg. No. 43,191
Donald E. Stout, Reg. No. 26,422

each with full power to prosecute this application, to transact all business in the United States Patent and Trademark Office connected therewith, and to appoint and revoke associate and substitute associate attorneys.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Address all telephone calls to: (310) 812-4910

Address all correspondence to: PATENT COUNSEL
TRW Inc.
Space & Electronics
One Space Park, E2/6051
Redondo Beach, California 90278

Docket No. 22-0145

Full name of sole or first inventor Stuart T. Linsky

Inventor's signature  Date: 12/11/01

Residence Rancho Palos Verdes, California

Citizenship United States

Post Office Address 21 Golden Spur Lane, Rancho Palos Verdes, California
90275

Full name of second inventor Scott A. Cooper

Inventor's signature _____ Date: _____

Residence Seattle, Washington

Citizenship United States

Post Office Address 7315 Earl Avenue NW, Seattle, Washington 9817

Full name of third inventor Christopher W. Walker


Inventor's signature  Date: 12/10/2001

Residence Stevens Ranch, California

Citizenship United States

Post Office Address 26215 West Shakespeare Lane, Stevens Ranch, California
91381

Full name of fourth inventor Ali R. Golshan

Inventor's signature  Date: 12/4/2001

Residence Hawthorne, California

Citizenship United States

Post Office Address 5252 W. 137th Place, Hawthorne, California 90250

Docket No. 22-0145

Full name of sole or first inventor Stuart T. Linsky
Inventor's signature _____ Date: _____
Residence Rancho Palos Verdes, California
Citizenship United States
Post Office Address 21 Golden Spur Lane, Rancho Palos Verdes, California
90275

Full name of second inventor Scott A. Cooper
Inventor's signature Scott A. Cooper Date: January 12, 2002
Residence Seattle, Washington
Citizenship United States
Post Office Address 7315 Earl Avenue NW, Seattle, Washington 9817

Full name of third inventor Christopher W. Walker
Inventor's signature _____ Date: _____
Residence Stevens Ranch, California
Citizenship United States
Post Office Address 26215 West Shakespeare Lane, Stevens Ranch, California
91381

Full name of fourth inventor Ali R. Golshan
Inventor's signature _____ Date: _____
Residence Hawthorne, California
Citizenship United States
Post Office Address 5252 W. 137th Place, Hawthorne, California 90250